

09/856333

JC18 Rec'd PCT/PTO 1 8 MAY 2001

PATENT
Attorney Docket No. 81069

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
KATHRIN BERLIN)
Serial No.: Unassigned) Group Art Unit: Unknown
Filed: Herewith) Examiner: Unknown
For: METHOD FOR THE)
IDENTIFICATION OF CYTOSINE)
METHYLATION PATTERNS IN)
GENOMIC DNA)

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

PRELIMINARY AMENDMENT

Preliminary to examination of the subject application, please enter the amendment below.

IN THE CLAIMS:

Please amend claims 3-6, 9-11, 15, 18-21 and 25-27 as follows:

3. (Amended) Method according to claim 1, further characterized in that disulfite (bisulfite, pyrosulfite) is utilized as the reagent for selective conversion of cytosine to uracil, whereby 5-methylcytosine remains unchanged, in step a) according to claim 1.

4. (Amended) Method according to claim 1, further characterized in that genomic DNA of several individuals, tissues, cell lines or cells is amplified jointly in step b) of claim 1.